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Amblyopia-organic optic tract pathology differential diagnosis -
rhythmic stimulation with red light flashes with 30-35 hz frequency

EYE MICROSURGERY 22.06.88-SU-445846

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The method involves recording induced visual potentials in response to rhythmic light stimulation.

Rhythmic stimulation is performed with series of flashes of red light with a frequency of 30-35 Hz and a duration of 0.6-1.0s and if the induced potential has a frequency equal to that of the stimulating signal and an amplitude corresp. to the norm, then a diagnosis of amblyopia is made, whereas if there is no reproduction of the rhythm of the stimulating signal and if the amplitude of the induced potential is reduced, then organic pathology of the optic tract is diagnosed.

USE/ADVANTAGE - For differential diagnosis of amblyopia and organic pathology of the optic tract. More accurate method is obtained. Bul.6/15.2.91. (2pp Dwg.No.0/0)

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